

RECEIVED
CENTRAL FAX CENTER

OCT 21 2004

PTO/SB/97 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031


U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the
United States Patent and Trademark Office

on 10/21/2004
Date


Signature
Charles E. Krueger
Typed or printed name of person signing Certificate

Note: Each paper must have its own certificate of transmission, or this certificate must identify each submitted paper.

response to Office Action mailed:
10/13/04
A/N 09/9/06, 709
Examiner: Smith
Art Unit: 1631

Burden Hour Statement: This form is estimated to take 0.03 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**RECEIVED
CENTRAL FAX CENTER****PATENT**

OCT 21 2004

Attorney Docket No. 001-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Michael D. Doyle

Application No.: 09/916,709

Filed: 07/27/2001

For: METHOD AND SYSTEM FOR THE
MULTIDIMENSIONAL MORPHOLOGICAL
RECONSTRUCTION OF GENOME
EXPRESSION ACTIVITY

Examiner: C. Smith

Art Unit: 1631

AMENDMENT

Commissioner for Patents

Sir:

In response to the Office Action mailed 10/13/2004, please amend the application as follows:

Amendments to the Claims begin on page 2 of this paper.**Remarks/Conclusion** begins on page 6 of this paper.